

PERFORMANCE SPECIFICATION SHEET

HEADSET-MICROPHONE, HEARING PROTECTIVE TYPE
HIGH AMBIENT NOISE LEVELS, 105-125 dB, M87819/1-01

This amendment forms a part of MIL-PRF-87819/1A(USAF), dated 30 January 1997, and is approved for use by the Department of the Air Force and is available for use by all Departments and Agencies of the Department Of Defense.

Page 1

Figure 1. Replace references, here and throughout document, to U-172/U with U-179A/U.

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Figure 3, Note 1. Delete " ± 0.015 in.", and replace with " ± 0.125 in."

Page 6

Insert the following after paragraph labeled "Earphone element". Earcup filler clearance. Fillers shall allow clearance of at least 0.500 in from the uncompressed face of the earcushion.

Page 6

Insert the following paragraph before "Suppression data". Cold-environment drop test. The microphone protective shield shall resist damage and separation of components when exposed to typical bumping and dropping in arctic environments. After cooling the headset to -70° F for 30 minutes, it shall be transferred within 2 minutes to a room temperature location, and immediately dropped 3 times onto a hard surface (concrete or tile) from a height of 4 feet, striking first on the microphone shield. Measure distance up to the bottom of the microphone shield. This procedure shall be repeated for a total of 2 cooling/dropping cycles. Following the test the product shall meet both the visual and mechanical inspection, and acoustic quality requirements of MIL-PRF-87819, as well as the following talk-out test. Connect the headset to equipment necessary to allow the microphone to transmit through the earphone elements. Verify that voice input to the microphone transmits clearly through the earphone elements, free of degradation due to the dropping.

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Insert "Cold-environment shock test" as a Qualification and Group C test, under Subgroup 3.

MIL-PRF-87819/1A(USAF)
AMENDMENT 1

CONCLUDING MATERIAL

Custodian:
Air Force - 85

Preparing activity:
Air Force - 85

Review activity:
DLA-CC

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